METHODS AND APPARATUS FOR CONTROLLING THE
TRANSMISSION OF STREAM DATA

5   ## ABSTRACT OF THE DISCLOSURE

Mechanisms and techniques provide a system that provides stream data to a client by monitoring operation of a stream control protocol such as RTSP associated with stream data transmitted between a client and a first stream server. The system detects a

10   stream change event related to transmission of the stream data between the client and the first stream server and identifies a relative position within the stream data based on the operation of the stream control protocol. The system then establishes transmission of the stream data between the client and a second stream server starting at the relative position in the stream data. The system provides for mid-stream failover for the transmission of

15   stream data such as real-time data with minimal perceptible loss of stream data by the client.